

metbrief: 2014-03-04

(next flight 2014-03-05 Wed)

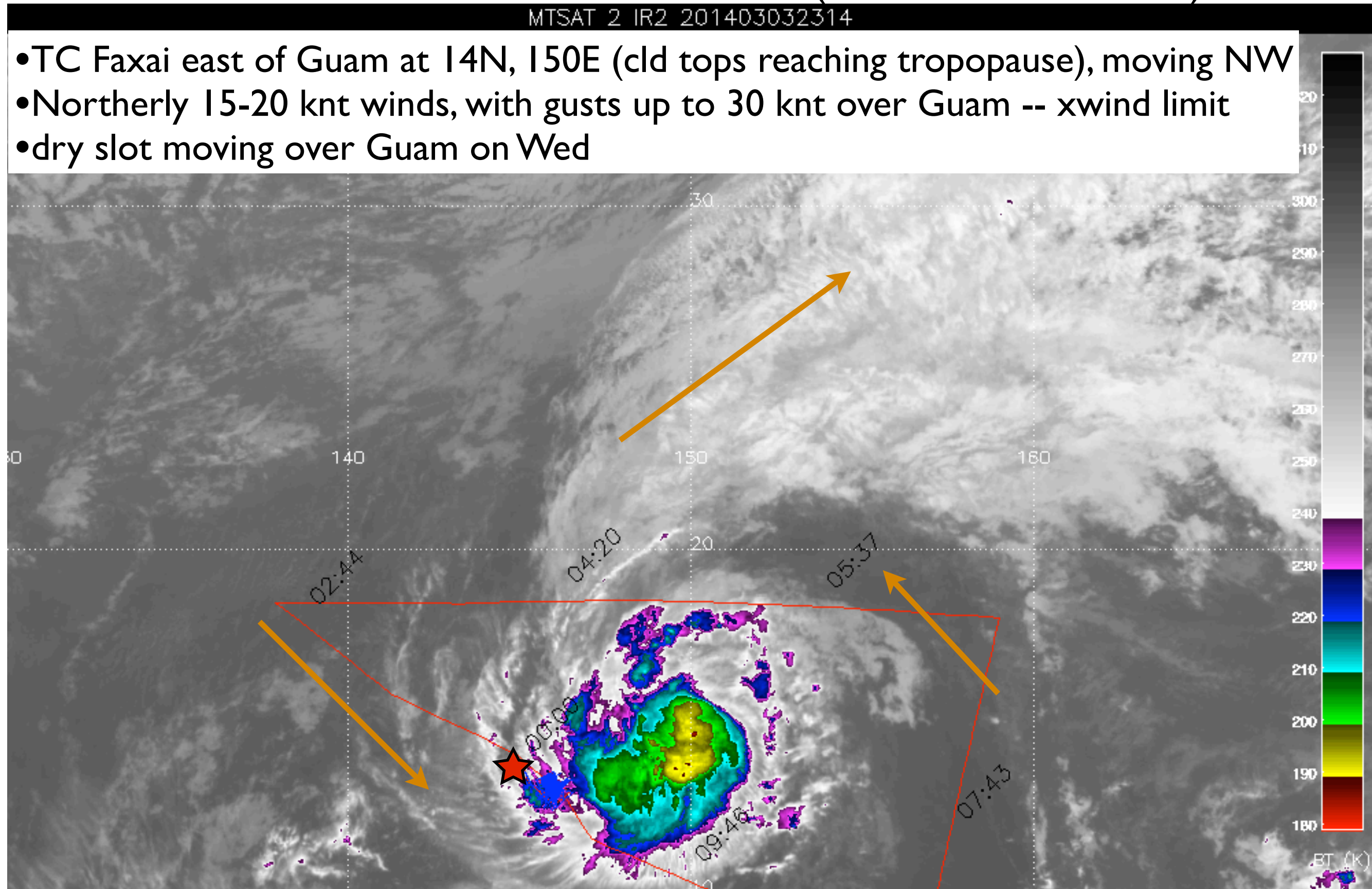
- TC Faxai east of Guam (14N, 149E), heading NW; projected to be at 18N, 152E by Wed takeoff
- Concern for Wed flight is winds at takeoff: crosswind component marginally under 15 knt limit, but could have gusts that exceed limit
 - ➡ monitor convection (cloud tops \leq 40-45 kft) along northern leg of flight track
- Thu looks good for flying

	wind	cld cover (base)	precip	
Wed takeoff (04AM)	10-15 knt N340 (crosswind limit)	few to scattered (10-1500 ft)	low prob	in TC dry slot
midflight (10AM)	need to monitor TC convection (cloud tops \leq 40-45 kft) along northern leg of flight track			
landing (04PM)	10-15 knt N350	few to scattered (10-1500 ft)	low prob	in TC dry slot
Thu takeoff (04AM)	5-10 knt N	scattered (1500 ft), broken (3000 ft)	isolated	
midflight (10AM)	no convective precip in vicinity (south of equator only)			
landing (04PM)	10-15 knt N020	scattered (1500 ft)	low prob	850mb RH ↓

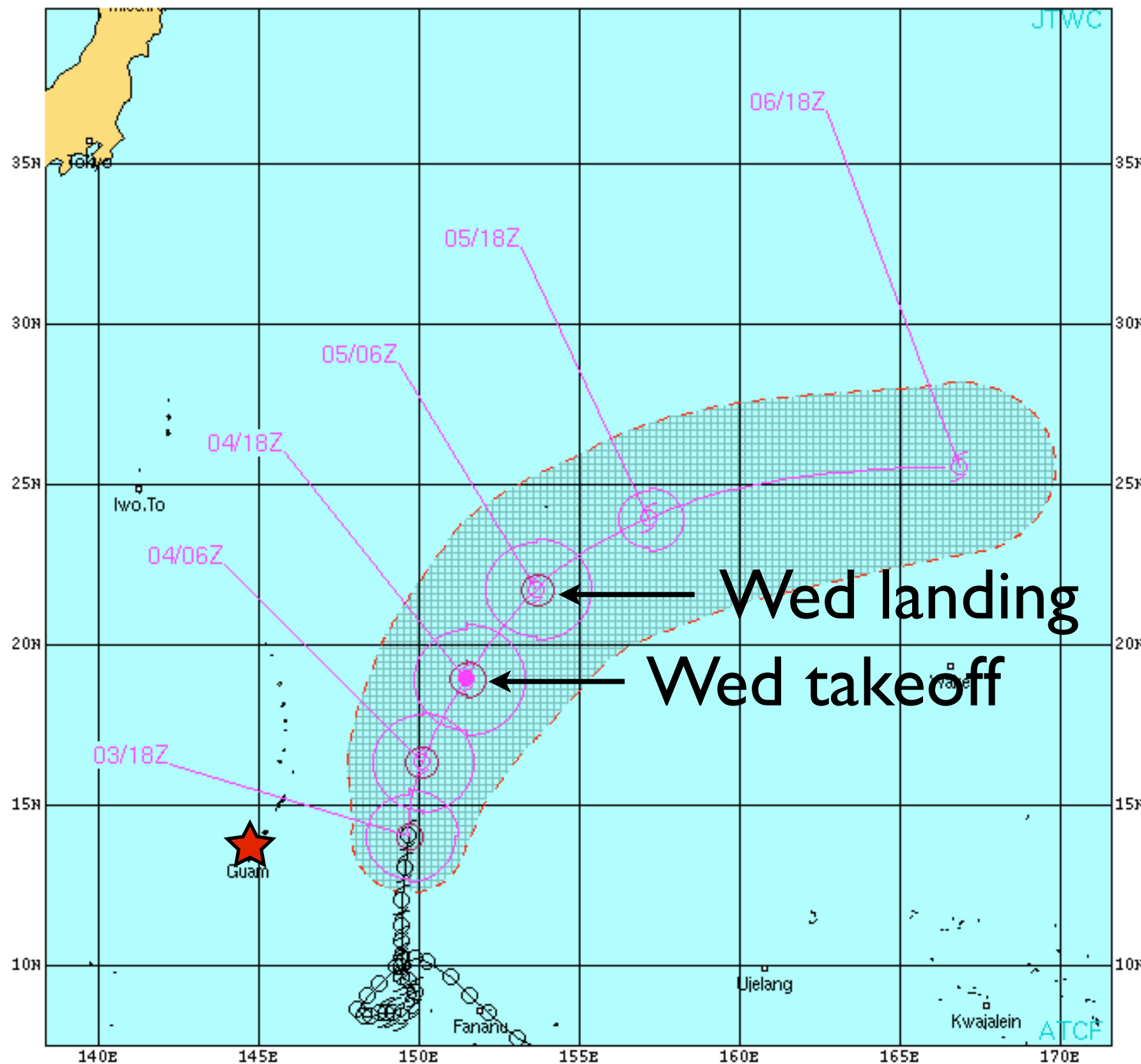
‘current’ condition:

satellite IR imagery on 2014-03-03, ~23UTC
(03-04 Tue, ~09AM)

- TC Faxai east of Guam at 14N, 150E (cld tops reaching tropopause), moving NW
- Northerly 15-20 knt winds, with gusts up to 30 knt over Guam -- xwind limit
- dry slot moving over Guam on Wed



Tropical Storm Faxai (JTWC)



TROPICAL STORM 03W (FAXAI) WARNING #16
 WTPN31 PGTW 032100
 031800Z POSIT: NEAR 14.0N 149.7E
 MOVING 005 DEGREES TRUE AT 10 KNOTS
 MAXIMUM SIGNIFICANT WAVE HEIGHT: 20 FEET
 03/18Z, WINDS 055 KTS, GUSTS TO 070 KTS
 04/06Z, WINDS 060 KTS, GUSTS TO 075 KTS
 04/18Z, WINDS 065 KTS, GUSTS TO 080 KTS
 05/06Z, WINDS 060 KTS, GUSTS TO 075 KTS
 05/18Z, WINDS 050 KTS, GUSTS TO 065 KTS
 06/18Z, WINDS 035 KTS, GUSTS TO 045 KTS

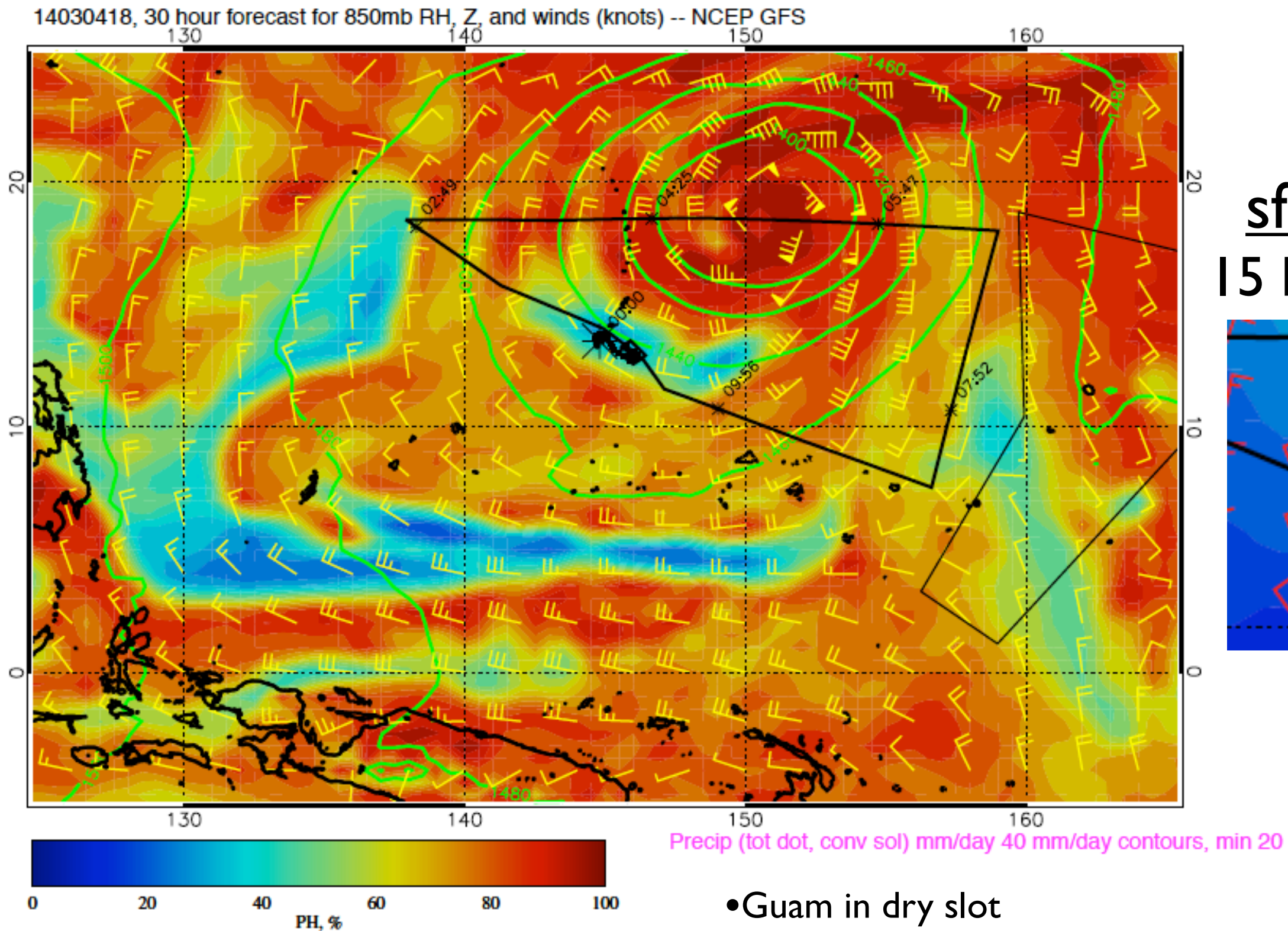
CPA TO:	NM	DTG
TINIAN	244	03/20Z
SAIPAN	234	03/21Z
ANATAHAN	248	04/03Z
ALAMAGAN	258	04/06Z
PAGAN	268	04/07Z
AGRIHAN	289	04/09Z
MINAMI_TORI_SHIMA	103	05/11Z
WAKE	371	06/17Z

BEARING AND DISTANCE	DIR	DIST (NM)	TAU (HRS)
AGRIHAN	088	329	24
ALAMAGAN	076	334	24
ANATAHAN	065	364	24
MINAMI_TORI_SHIMA	204	347	24
PAGAN	081	328	24
SAIPAN	055	395	24

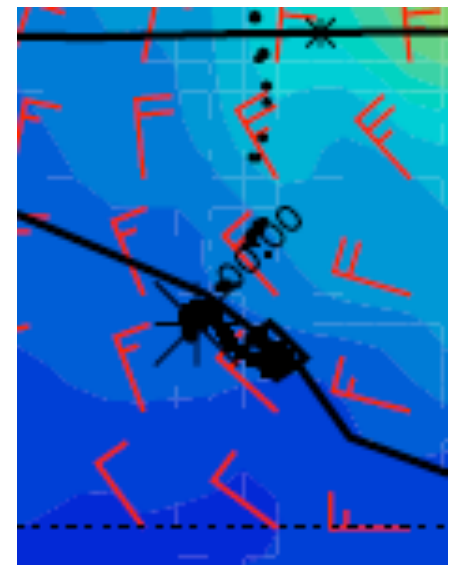
○ LESS THAN 34 KNOTS
 ⊗ 34-63 KNOTS
 ⊗ MORE THAN 63 KNOTS
 PAST 6 HOURLY CYCLONE POSITS IN BLACK
 FORECAST CYCLONE POSITS IN COLOR



‘Wed take-off’ condition (GFS):
850mb RH & winds on 2014-03-04, 18UTC
(03-05 Wed, 04AM)



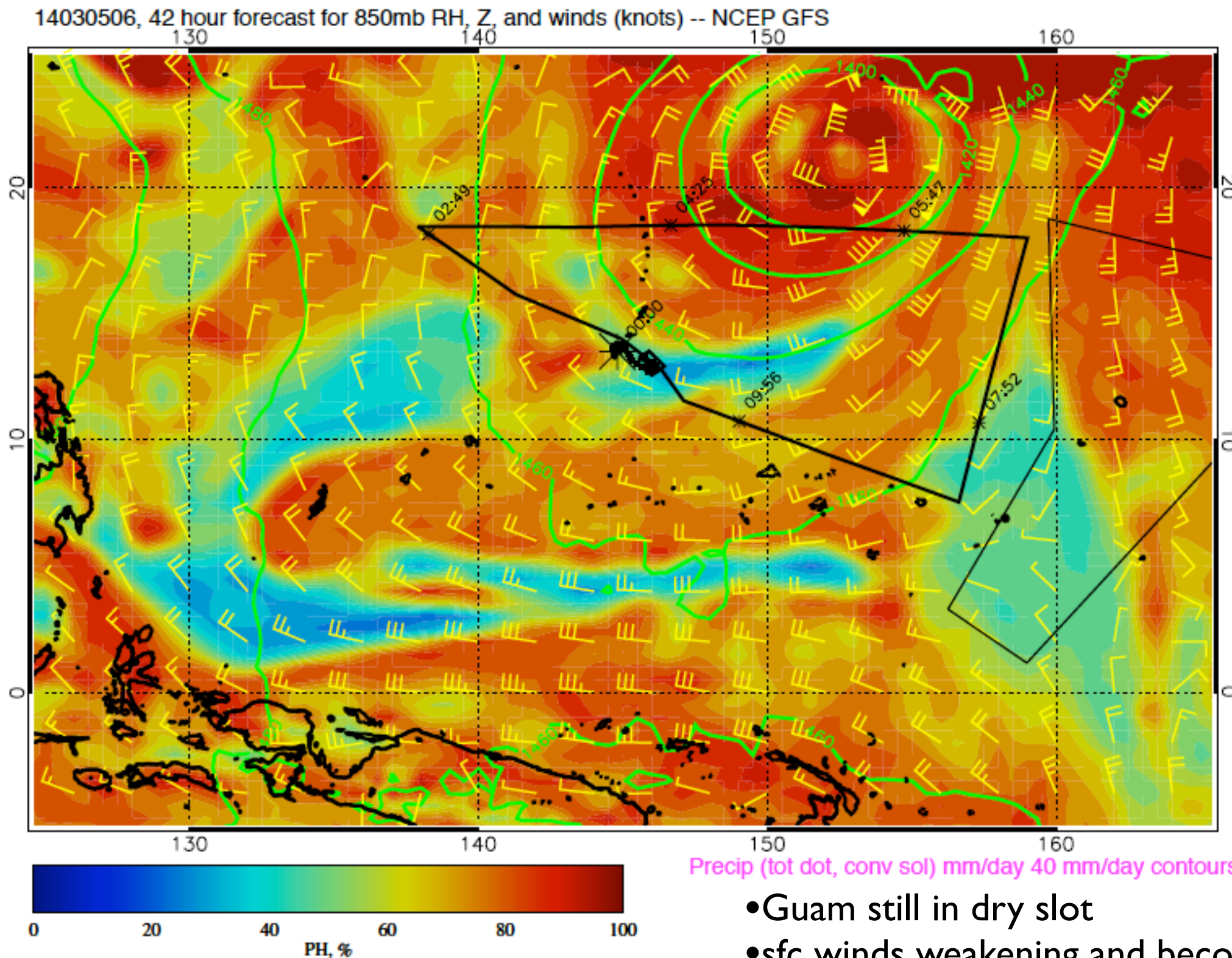
sfc wind
15 knt N340



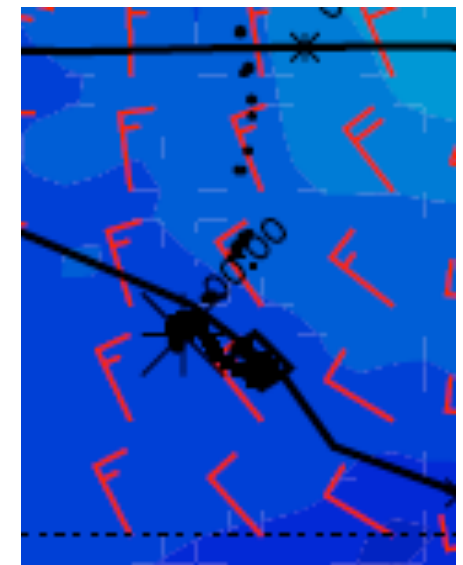
- Guam in dry slot
- sfc winds may exceed crosswind limit

‘Wed landing’ condition (GFS):

850mb RH & winds on 2014-03-05, 06UTC
(03-05 Wed, 04PM)



sfc wind
15 knt N350



- Guam still in dry slot
- sfc winds weakening and becoming more Nly
(landing should be OK)

‘Wed midflight’ condition (GFS):
high clouds & 150mb winds on 2014-03-05, 00UTC
(03-05 Wed, 10AM)

